| **Technology Concern** | **Adaptations/ Solutions/ Workaround/ Backup Plans** |
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| Zero access to laptops when you thought you were going to have laptops; Student loses laptop privileges; Computer breaks (teacher or a student) in the middle of class | Plan a paper and pencil (or other non-tech) substitute activity ahead of time for every lesson—whole class can do it if no technology available; individual students can do it while others use laptops if needed; could be an option—give students an option for a tech-based or non-tech-based activity (those without laptop access only have 1 choice) |
| No Internet access; Internet filter blocks what wasn’t blocked yesterday | Plan a paper and pencil substitute activity (see above); if it’s working on and off during class, rearrange the order of what you’re going to do and see if the Internet comes on later; plan a class ahead that doesn’t use same technology and then you can swap plans |
| Students do what they’re not supposed to be doing while you’re using Internet in class; Students texting | Keep moving/patrolling – don’t stay with one student too long; use proximity to help alert them to get back on task |
| Finish early on a project where students are on computer | Have quizlets or other content activities ready |
| Dead batteries / no chargers | Share chargers, pray for the tech room and good tech support at your school |
| Printer jams | Call “key operator”; watch and learn |
| Trouble shooting during class | Use your “5 minute activities” for the class to work on while you’re trouble shooting |
| Proxy server | Switch gears |
| Software gets updated and you don’t know it | Tell students it’s different today and you figure it out together |
| Students have different versions of software (updates didn’t happen, etc.) | Do a quick test run on the day before; split class into 2 groups based on who has similar software |
| A Site you were planning to use goes down overnight (or in between classes); Internet filter blocks what wasn’t blocked yesterday | Use the “cached” version from Google |
| Administration makes blanket changes to your system in the middle of the semester | Inform the administration of the implication of their decision; go to “zero access” or “no Internet” above for dealing with the immediate problem |
| Students save something in email but aren’t able to get into email to retrieve it | Have students send it to the teacher; online drop box; upload to wiki/blog |
| Students don’t have same programs at home as you have at school | Teach them how to export using “save as”; teach universal extensions; project file vs. product file;  Google docs (or similar Web-based cloud computing options) |
| Password issues | Use the same password  Websites where you can store your passwords  Assign passwords to students  Email your passwords to yourself  Always use same email to set up accounts |
| Students know more about something than you do (hackers) | Let those students be the leaders and help show others (and show you)  Learn – Do - Teach |
| Viruses | Use free anti-virus software; be patient with and actually use your anti-virus software; know how to use it |
| Internet overload – bandwidth issues – stuff won’t load fast enough | Buddy up / pair up on machines that are working  Create multiple copies of the site/ document/ etc. so that there’s more than one |
| Students need more skills and time to accomplish a project; Wide range of technology skills among students | Partner students; find tutorials and videos (that actually use and are relevant to your software); walk them through the important things; design mini activities that are content based) to build the skill set you want; do pre-assessment of tech skills |
| No technology at home | Plan for homework where they won’t need it; save web pages to computer while you have access and then access it offline (not good if they need to click on links); Public library option; stay after school and reserve computer lab; sit in parking lots of places with free wifi |
| Web site won’t let you save (by design or sometimes by malfunction) | If it’s by design then have other ways (screen shots; copy paste; download image; etc) and teach those backups ahead of time; if it’s by malfunction – group brainstorming for a quick moment; if that doesn’t work, move on |